

Abstract

Title: Relations between high, jumping and speed-dexterity parameters in older students' volleyball

Objectives: The aim of this work is to identify and evaluate the relationships between high, jumping and speed-dexterity parameters in older students' volleyball in the years 2008 to 2012.

Methods: For the processing and evaluation of data retrieved from the results of standardized tests for volleyball in individual years and generally used method of comparison (comparison) data were also used basic statistical methods (arithmetic mean, standard deviation, maximum, minimum, range of variation, T-sections, McCall criterion). The evaluation was performed by means of graphs and verbal assessment.

Results: In the selection of the 20 highest players in each year from 2008 to 2012 could not be confirmed that the majority did not reach above the average of the absolute values after smash jump start, but it was confirmed that the majority did not reach above-average values when measuring speed-dexterity test, known as K-test measured against a whole group of players in a given year. Furthermore, according to the processed data confirmed that most of the selection of 20 of the K-test the best players in each year from 2008 to 2012 will achieve above-average values of the absolute jump start after smash measured against a whole group of players in a given year, while most of them will occur between selected 20 highest players of the year.

Keywords: volleyball, body height, speed-texterity ability, absolute jump, motor tests, sports training, development of motor skills, volleyball in the category of youth